

SYSTEMS DESIGN / CAPSTONE PROJECT
MIS 413

Client Checkpoint #5

Complete the building of your database to support the client project
This is a team project with individual components

Objective: Complete the build of your team's database and selected stored procedures

Part A: Update your team's database for any errors noted with submission Checkpoint #3

Part B: Build the remainder of the tables to support your client project

1. Return to your MIS 411 DDF's diagrams and build the necessary tables, valid tables and associated tables to support your client project.
2. Update your database diagram to support any relationships with your added tables
3. Populate your new tables with at least 3 records

Part C: Build the following stored procedures for the Person Table

1. The team should allocate individual team members to build the following three Stored Procedures (share the work). **Place in the comments section of the stored procedure the prime author of that store procedure**
 - a. Create an Update Stored Procedure that will update one record in the Person Table based on the personID, do not update the pwd, or roleID fields with this stored procedure.
 - b. Create a Delete Stored Procedure that will delete one record in the Person Table based on the personID, in addition delete all rows in all the association tables based that contain this personID
 - c. Create an Insert Stored Procedure that will insert a new row into the Person Table as well into the appropriate junction tables
2. Have another team member TEST all three stored procedures

Part D: Build the Select Stored Procedures for all remaining 'prime tables'. You do not need to build them for the association tables at this time.

1. **To assist in grading, please place the name of the author of the store procedure in the 'comments' section.**
 - a. If the prime table has an association table related, show the information in that association table also. Make sure you check your inner/right/left joins to show all information from the prime table

2. If you are confused on what tables to build the select statements, please see the instructor.

Part E: To submit for grading in Canvas:

When the stored procedures are ready for grading

1. Each team member, should go to Canvas and in the text box:
 - a. Enter the name of the database
 - b. Enter the names of the stored procedures which they authored.